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Patent and Trademark Office

NOTICE OF ALLOWANCE AND ISSUE FEE DUE

MM42/1105

PILLSBURY MADISON & SUTRO
INTELLECTUAL PROPERTY GROUP
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WASHINGTON DC 20005-3918

APPLICATION NO.	FILING DATE	TOTAL CLAIMS	EXAMINER AND GROUP ART UNIT	DATE MAILED
09/188,333	11/09/98	009	SCHWARTZ, M 2876	11/05/99
First Named Applicant	CHRISTIANSEN, 35 USC 154(b) term ext. = 0 Days.			

TITLE OF INVENTION BONE DENSITOMETRY APPARATUS

ATTY'S DOCKET NO.	CLASS-SUBCLASS	BATCH NO.	APPLN. TYPE	SMALL ENTITY	FEE DUE	DATE DUE
2 PM-257832	378-054.000	D88	UTILITY	NO	\$1210.00	02/07/00

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED.

THE ISSUE FEE MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.

HOW TO RESPOND TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is changed, pay twice the amount of the FEE DUE shown above and notify the Patent and Trademark Office of the change in status, or
- B. If the status is the same, pay the FEE DUE shown above.

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- B. File verified statement of Small Entity Status before, or with, payment of 1/2 the FEE DUE shown above.

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III. All communications regarding this application must give application number and batch number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

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Washington, D.C. 20231

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
09/188,333	11/09/98	CHRISTIANSEN	PM-257832

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EXAMINER

SCHWARTZ, M

ART UNIT PAPER NUMBER

2876

DATE MAILED: 11/05/99

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Notice of Allowability

Application No.
09/188,333

Applicant(s)
Christiansen et al

Examiner
Michael Schwartz

Group Art Unit
2876



All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be mailed in due course.

☒ This communication is responsive to amendment "B", filed October 25, 1999.

☒ The allowed claim(s) is/are 1-9.

☐ The drawings filed on _____ are acceptable.

☒ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☒ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been
☒ received.

☐ received in Application No. (Series Code/Serial Number) _____.

☒ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____.

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE **THREE MONTHS** FROM THE "DATE MAILED" of this Office action. Failure to timely comply will result in ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.

☒ Applicant MUST submit NEW FORMAL DRAWINGS

☐ because the originally filed drawings were declared by applicant to be informal.

☒ including changes required by the Notice of Draftsperson's Patent Drawing Review, PTO-948, attached hereto or to Paper No. 6.

☐ including changes required by the proposed drawing correction filed on _____, which has been approved by the examiner.

☐ including changes required by the attached Examiner's Amendment/Comment.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the reverse side of the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

☐ Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Any response to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE/SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included.

Attachment(s)

☐ Notice of References Cited, PTO-892

☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). _____

☐ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

☐ Interview Summary, PTO-413

☐ Examiner's Amendment/Comment

☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

☒ Examiner's Statement of Reasons for Allowance

Art Unit: 2876

DETAILED ACTION

Allowable Subject Matter

1. Claims 1-9 are allowed.

US Patent No. 5,641,747 issued to Popoff et al on June 24, 1997 discloses a method for treating osteopetrotic diseases. Popoff et al teaches using a bone densitometry device for monitoring the treatment process.

US Patent No. 5,594,775 issued to Hangartner on January 14, 1997 discloses a methods and apparatus for evaluating cortical bone using computer tomography.

The prior art does not disclose the following:

- a body defining means that is responsive to an operator's choice of a treatment regime out of the treatment regimes for which information is stored as in claim 1
- measuring the density in areas of the forearm without penetrating into regions where there is more cortical bone than trabecular bone as in claim 4

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Examiner Michael J. Schwartz whose telephone number is (703) 306-5435. The examiner can normally be reached on Monday to Thursday from 7:00 am to 4:30 p.m. And on alternate Fridays from 7:00 a.m. to 3:30 p.m. In addition, e-mail inquiries can be sent to michael.schwartz@USPTO.gov.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Don Hajec, can be reached on (703) 308-4075. The fax phone number for the organization where this application or proceeding is assigned is (703) 308-7382 or (703) 308-7722.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.



DAVID V. BRUCE
PRIMARY EXAMINER